# RAW SEQUENCE LISTING
## ERROR REPORT

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Application Serial Number: _09/680,121B_

Source: _1600_

Date Processed by STIC: _9/4/2003_

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2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A
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MARK SPENCER, 703-308-4212.

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1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm> , EFS Submission
   User Manual - ePAVE)
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3. Hand Carry directly to:
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   Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
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4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office,
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Revised 04/24/2003

1600

RAW SEQUENCE LISTING                    DATE: 09/04/2003
PATENT APPLICATION:  US/09/680,121B      TIME: 08:57:51

Input Set : **A:\Sequence Listing for 107-206-C-D.txt**
Output Set: **N:\CRF4\09042003\I680121B.raw**

```
   3 <110> APPLICANT: FRENCH, Cynthia K.
   4         YAMAMOTO, Karen K.
   5         EL SHAMI, A. Said
   7 <120> TITLE OF INVENTION: Prostate Cancer-Specific Marker
   9 <130> FILE REFERENCE: 107-206-C-D
C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/680,121B
C--> 12 <141> CURRENT FILING DATE: 2000-10-04
  14 <150> PRIOR APPLICATION NUMBER: 60/041,246
  15 <151> PRIOR FILING DATE: 1997-03-07
  17 <150> PRIOR APPLICATION NUMBER: 60/047,811
  18 <151> PRIOR FILING DATE: 1997-05-15
  20 <150> PRIOR APPLICATION NUMBER: 09/036,315
  21 <151> PRIOR FILING DATE: 1998-03-06
  23 <150> PRIOR APPLICATION NUMBER: 09/535,597
  24 <151> PRIOR FILING DATE: 2000-03-27
  26 <150> PRIOR APPLICATION NUMBER: 09/680,121
  27 <151> PRIOR FILING DATE: 2000-10-04
  29 <160> NUMBER OF SEQ ID NOS: 27
  31 <170> SOFTWARE: PatentIn Ver. 2.1
```

*[handwritten: pp 1, 3-4]*
*[handwritten: Does Not Comply Corrected Diskette Needed]*

**ERRORED SEQUENCES**

```
 245 <210> SEQ ID NO: 2
 246 <211> LENGTH: 425
 247 <212> TYPE: PRT
 248 <213> ORGANISM: Homo sapiens
 249 <223> OTHER INFORMATION: product = Repro-PC-1.0
 251 <400> SEQUENCE: 2
 252 Met Ala Pro Ile Thr Thr Ser Arg Glu Glu Phe Asp Glu Ile Pro Thr
 253  1               5                  10                  15
 255 Val Val Gly Ile Phe Ser Ala Phe Gly Leu Val Phe Thr Val Ser Leu
 256             20                  25                  30
 258 Phe Ala Trp Ile Cys Cys Gln Arg Lys Ser Ser Lys Ser Asn Lys Thr
 259         35                  40                  45
 261 Pro Pro Tyr Lys Phe Val His Val Leu Lys Gly Val Asp Ile Tyr Pro
 262     50                  55                  60
 264 Glu Asn Leu Asn Ser Lys Lys Lys Phe Gly Ala Asp Asp Lys Asn Glu
 265 65                  70                  75                  80
 267 Val Lys Asn Lys Pro Ala Val Pro Lys Asn Ser Leu His Leu Asp Leu
 268             85                  90                  95
 270 Glu Lys Arg Asp Leu Asn Gly Asn Phe Pro Lys Thr Asn Leu Lys Pro
 271            100                 105                 110
```

*[handwritten: mandatory - insert <2207 wherever <221>, <222>, or <223> is shown]*

*[handwritten: <2207 is a "header" only. It never has a response.]*

Input Set : **A:\Sequence Listing for 107-206-C-D.txt**
Output Set: **N:\CRF4\09042003\I680121B.raw**

```
273 Gly Ser Pro Ser Asp Leu Glu Asn Ala Thr Pro Lys Leu Phe Leu Glu
274         115             120             125
276 Gly Glu Lys Glu Ser Val Ser Pro Glu Ser Leu Lys Ser Ser Thr Ser
277     130             135             140
279 Leu Thr Ser Glu Glu Lys Gln Glu Lys Leu Gly Thr Leu Phe Phe Ser
280 145             150             155             160
282 Leu Glu Tyr Asn Phe Glu Arg Lys Ala Phe Val Val Asn Ile Lys Glu
283             165             170             175
285 Ala Arg Gly Leu Pro Ala Met Asp Glu Gln Ser Met Thr Ser Asp Pro
286         180             185             190
288 Tyr Ile Lys Met Thr Ile Leu Pro Glu Lys Lys His Lys Val Lys Thr
289     195             200             205
291 Arg Val Leu Arg Lys Thr Leu Asp Pro Ala Phe Asp Glu Thr Phe Thr
292     210             215             220
294 Phe Tyr Gly Ile Pro Tyr Thr Gln Ile Gln Glu Leu Ala Leu His Phe
295 225             230             235             240
297 Thr Ile Leu Ser Phe Asp Arg Phe Ser Arg Asp Asp Ile Ile Gly Glu
298             245             250             255
300 Val Leu Ile Pro Leu Ser Gly Ile Glu Leu Ser Glu Gly Lys Met Leu
301         260             265             270
303 Met Asn Arg Glu Ile Ile Lys Arg Asn Val Arg Lys Ser Ser Gly Arg
304         275             280             285
306 Gly Glu Leu Leu Ile Ser Leu Cys Tyr Gln Ser Thr Thr Asn Thr Leu
307     290             295             300
309 Thr Val Val Val Leu Lys Ala Arg His Leu Pro Lys Ser Asp Val Ser
310 305             310             315             320
312 Gly Leu Ser Asp Pro Tyr Val Lys Val Asn Leu Tyr His Ala Lys Lys
313             325             330             335
315 Arg Ile Ser Lys Lys Lys Thr His Val Lys Lys Cys Thr Pro Asn Ala
316         340             345             350
318 Val Phe Asn Glu Leu Phe Val Phe Asp Ile Pro Cys Glu Gly Leu Glu
319     355             360             365
321 Asp Ile Ser Val Glu Phe Leu Val Leu Asp Ser Glu Arg Gly Ser Arg
322     370             375             380
324 Asn Glu Val Ile Gly Gln Leu Val Leu Gly Ala Ala Ala Glu Gly Thr
325 385             390             395             400
327 Gly Gly Glu His Trp Lys Glu Ile Cys Asp Tyr Pro Arg Arg Gln Ile
328             405             410             415
330 Ala Lys Trp His Val Leu Cys Asp Gly
331         420             425
```

<210> 11
<211> 9
<212> PRT
<213> Homo sapiens

<220>
<223> residue 1=Thr, Ser or Met

<220>
<223> residue 2=Asp, Glu, Ala, Ser or Thr

<400> 11
Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Tyr
 1               5

*what about Xaa's at locations 3-8?*

Input Set : **A:\Sequence Listing for 107-206-C-D.txt**
Output Set: **N:\CRF4\09042003\I680121B.raw**

<u>Use of n's or Xaa's(NEW RULES):</u>
Use of n's and/or Xaa's have been detected in the Sequence Listing.
Use of <220> to <223> is MANDATORY if n's or Xaa's are present.
in <220> to <223> section, please explain location of n or Xaa, and which
residue n or Xaa represents.

```
Seq#:11; Xaa Pos. 1,2,3,4,5,6,7,8
Seq#:12; Xaa Pos. 1,2,3,4,5,6,7,8,9
Seq#:13; Xaa Pos. 1,2,3,4,5,6
Seq#:14; Xaa Pos. 1,2,3,4,5,6,7
Seq#:15; Xaa Pos. 1,2,3,4,5,6,7,8,9
Seq#:16; Xaa Pos. 1,2,3,4,5,6,7,8,9,10
Seq#:17; Xaa Pos. 1,2,3,4,5,6,7,8
Seq#:18; Xaa Pos. 1,2,3,4,5,6,7,8,9
Seq#:19; Xaa Pos. 1,2,3,4,5,6,7,8,9
Seq#:20; Xaa Pos. 1,2,3,4,5,6,7,8,9,10
Seq#:27; Xaa Pos. 5
```

*Please ensure ALL Xaa locations in these sequences are explained*

Input Set : **A:\Sequence Listing for 107-206-C-D.txt**
Output Set: **N:\CRF4\09042003\I680121B.raw**

```
L:11  M:270 C: Current Application Number differs, Replaced Current Application Number
L:12  M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:251 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:2
L:651 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:11
L:651 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:11
L:651 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
L:667 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:12
L:667 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:12
L:667 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0
L:680 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:13
L:680 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:13
L:680 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
L:693 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:14
L:693 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:14
L:693 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
L:710 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:15
L:710 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:15
L:710 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
L:727 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:16
L:727 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:16
L:727 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
L:740 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:17
L:740 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:17
L:740 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
L:753 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:18
L:753 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:18
L:753 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0
L:769 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:19
L:769 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:19
L:769 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0
L:782 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:20
L:782 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:20
L:782 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0
L:888 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:27
L:888 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:27
L:888 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:0
```